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APPLICATION NO. 882,077	FILING DATE 07/18/96	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO. 27
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EXAMINER:

ART UNIT 2713 PAPER NUMBER

11/06/96

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.
08/682,997

Applicant(s)
Ishikawa et al

Examiner
Bryan Tung

Group Art Unit
2713



☒ Responsive to communication(s) filed on 10-22-98

☒ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claims

☒ Claim(s) 1-27 is/are pending in the application.

Of the above, claim(s) _____ is/are withdrawn from consideration.

☐ Claim(s) _____ is/are allowed.

☒ Claim(s) 1-27 is/are rejected.

☐ Claim(s) _____ is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been

☐ received.

☐ received in Application No. (Series Code/Serial Number) _____.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☐ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

☐ Interview Summary, PTO-413

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

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35 U.S.C. §103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-3, 5-13, 15-22, and 24-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Takizawa in view of Lightbody for the reasons set forth in §5 of the last Office Action.

3. Claims 4, 14, and 23 are rejected under 35 U.S.C. 103(a) as being unpatentable over the combination of Takizawa and Lightbody in view of Sakoda for the reasons set forth in §6 of the last Office Action.

Response to Argument

4. Applicant's arguments filed 10-22-98 have been fully considered but they are not persuasive.

(1) Applicant asserts that Lightbody does not relate to image pickup systems. However, Lightbody relates to image

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processing of video data regardless of the source. Thus, the teachings of Lightbody are relevant to Takizawa's image pickup system.

(2) Applicant asserts that the color space conversion in Lightbody is different from that described in the present specification. However, Lightbody shows color space conversion as broadly set forth in the claims.

(3) Applicant asserts that Lightbody does not disclose a lookup table. However, as noted in §5 of the last Office Action, the use of a lookup table to perform color space conversion is well established in image pickup systems. Lightbody is relied upon to teach a color space conversion means.

(4) Applicant asserts that the prior art does not disclose the claimed compression control activity. However, the control means is found in Takizawa at col.3, ln.46-51, and col.4, ln.33-37, 49-51, and 59-62 as noted in the last Office Action.

Status of Application

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee

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pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Contact Information

Inquiries concerning this communication or earlier communications from the examiner should be directed to Bryan S. Tung, whose telephone number is 703-308-6614. The examiner can normally be reached Monday-Thursday from 8:00 AM to 5:00 PM. The examiner can also be reached on alternate Fridays.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tommy P. Chin, can be reached at 703-305-4715.

Inquiries of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is 703-305-3900.

Formal fax communications should be sent to 703-308-9051. Informal fax communications should be marked "DRAFT" or "PROPOSED" and sent to 703-308-5399.

Bryan S. Tung/bst

11-5-98


BRYAN TUNG
PRIMARY EXAMINER